ATT RNEY DOCKET NO. 200312389-1

FOR PATENT APP				
s a below named i	inventor, I i	n reby declare that:	•	
ly residence/post o	offic addre	ess and citizenship are a	as stated below next t	o my name;
beli ve I am th or pint inv ntor (if plu at nt is sought on	ural names	ar listed b low) f th	nly one nam is listed subject matter which	below) or an original, first and ch is claimed and f r which a
	UIT FOR A	CROSS-POINT MEMO	RY ARRAY INCLUDIN	NG CROSS-POINT RESISTIVE
DEMENTS	which is at	ttached hereto unless th	se following box is ch	ecked:
•		as US Appli	· ·	
Number	1 _Herewitti	and was amend		(if applicable).
cluding the claims	s, as amen	riewed and understood ded by any amendment is material to patentabil	t(s) referred to above	above-identified specification, e. I acknowledge the duty to FR 1.56.
ventor(s) certificate list	riority benefit	s under Title 35, United Sta	any foreign application for	any foreign application(s) for patent or patent or inventor(s) certificate having
COUNTRY	1	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
				YES: NO:
				YES: NO:
rovisional Application			!	
		APPLICATION NUMBER	FILING DATE	-
S Delarity Chrim				
hereby claim the bene nsofar as the subject m nanner provided by the nformation as defined in	natter of each o first paragra n Title 37, Co	of the claims of this applica ph of Title 35, United States de of Federal Regulations, So	ation is not disclosed in the Code Section 112, I ackr ection 1.56(a) which occur	States application(s) listed below and e prior United States application in the nowledge the duty to disclose materia red between the filing date of the prior
hereby claim the bene nsofar as the subject m nanner provided by the nformation as defined in application and the nation	natter of each o first paragra n Title 37, Co onal or PCT in	of the claims of this applica ph of Title 35, United States de of Federal Regulations, So ternational filing date of this	ation is not disclosed in the Code Section 112, I acknowled ection 1.56(a) which occur application:	e prior United States application in the nowledge the duty to disclose materia red between the filing date of the prior
hereby claim the bene nsofar as the subject m nanner provided by the nformation as defined in	natter of each o first paragra n Title 37, Co onal or PCT in	of the claims of this applica ph of Title 35, United States de of Federal Regulations, So	ation is not disclosed in the Code Section 112, I acknowled ection 1.56(a) which occur application:	e prior United States application in the nowledge the duty to disclose materia
hereby claim the bene nsofar as the subject m nanner provided by the nformation as defined in application and the nation	natter of each o first paragra n Title 37, Co onal or PCT in	of the claims of this applica ph of Title 35, United States de of Federal Regulations, So ternational filing date of this	ation is not disclosed in the Code Section 112, I acknowled ection 1.56(a) which occur application:	e prior United States application in the nowledge the duty to disclose materia red between the filing date of the prior
hereby claim the bene nsofar as the subject m nanner provided by the nformation as defined in application and the nation	natter of each o first paragra n Title 37, Co onal or PCT in	of the claims of this applica ph of Title 35, United States de of Federal Regulations, So ternational filing date of this	ation is not disclosed in the Code Section 112, I acknowled ection 1.56(a) which occur application:	e prior United States application in the nowledge the duty to disclose materia red between the filing date of the prior
hereby claim the bene nsofar as the subject m nanner provided by the formation as defined in application and the nation APPLICATION NU APPLICATION NU POWER OF ATTORNEY: As a named inventor, pusiness in the Patent a	natter of each ofirst paragra n Title 37, Co onal or PCT in MBER	of the claims of this application of Title 35, United States die of Federal Regulations, States die of Federal Right attended in FILING DATE Oint the following attorney(states of the connected therewith:	ation is not disclosed in the Code Section 112, I ackrection 1.56(a) which occur application: STATUS (s) and/or agent(s) to prosent the Code Section 1.56(a) which occur application:	e prior United States application in the nowledge the duty to disclose materia red between the filing date of the prior
hereby claim the bene nsofar as the subject m nanner provided by the formation as defined in application and the nation APPLICATION NU APPLICATION NU POWER OF ATTORNEY: As a named inventor, pusiness in the Patent a	natter of each e first paragra n Title 37, Co onal or PCT in MBER I hereby app and Trademark omer Number	of the claims of this application of Title 35, United States die of Federal Regulations, States die of Federal Right attended in FILING DATE Oint the following attorney(states of the connected therewith:	ation is not disclosed in the Code Section 112, I ackrection 1.56(a) which occur application: STATUS (s) and/or agent(s) to prosent the Code Label here	e prior United States application in the nowledge the duty to disclose materia and between the filling date of the prior patented/pending/abandoned)
hereby claim the bene nsofar as the subject manner provided by the manner provided by the important of the manual	natter of each of first paragra in Title 37, Co onal or PCT in IMBER Thereby appraid Trademark omer Number	of the claims of this applica ph of Title 35, United States de of Federal Regulations, Se ternational filing date of this PILING DATE oint the following attorney(se t Office connected therewith:	ation is not disclosed in the Code Section 112, I ackrection 1.56(a) which occur application: STATUS (s) and/or agent(s) to prosent the Code Label here	e prior United States application in the nowledge the duty to disclose materia and between the filling date of the prior patented/pending/abandoned) ecute this application and transact and analysis application and transact and calls To:
hereby claim the bene nsofar as the subject m nanner provided by the information as defined in application and the nation APPLICATION NU APPLICATION NU POWER OF ATTORNEY: As a named inventor, pusiness in the Patent a Custo	natter of each of first paragra in Title 37, Co onal or PCT in IMBER Thereby appraid Trademark omer Number	of the claims of this applica ph of Title 35, United States de of Federal Regulations, Se ternational filing date of this PILING DATE oint the following attorney(se t Office connected therewith:	ation is not disclosed in the Code Section 112, I ackrection 1.56(a) which occur application: STATUS (s) s) and/or agent(s) to prose Place Customer Number Bar Code Label here Direct Telepho Ashok K. Man	e prior United States application in the nowledge the duty to disclose materia and between the filling date of the prior patented/pending/abandoned) ecute this application and transact a material and transact and transact are calls To:
hereby claim the bene nsofar as the subject manner provided by the formation as defined in application and the national content of the provided provided by the application and the national content of the provided provid	natter of each of first paragra on Title 37, Co onal or PCT in MBER I hereby app and Trademark omer Number D COMPANY y Administration	of the claims of this applica ph of Title 35, United States de of Federal Regulations, So ternational filing date of this FILING DATE oint the following attorney(s office connected therewith:	ation is not disclosed in the Code Section 112, I ackrection 1.56(a) which occur application: STATUS (s) and/or agent(s) to prosent the Code Label here	e prior United States application in the nowledge the duty to disclose materia and between the filling date of the prior patented/pending/abandoned) ecute this application and transact a material and transact and transact are calls To:
POWER OF ATTORNEY: As a named inventor, business in the Patent a Custo Send Corresponden HEWLETT-PACKARS Intellectual Property P.O. Box 272400 Fort Collins, Colorac in the Patent a customatic property p.O. Box 100 prope	natter of each e first paragra n Title 37, Co onal or PCT in MBER i hereby appeared Trademark comer Number ce to: D COMPANY y Administrated do 80527-24 that all state ion and be dige that w both, under	of the claims of this applica ph of Title 35, United States de of Federal Regulations, Se ternational filing date of this FILING DATE oint the following attorney(s) office connected therewith: r 022879 on on onements made herein of elilef are believed to be citiful false statements	ation is not disclosed in the Code Section 112, I ackrection 1.56(a) which occur application: STATUS (s) and/or agent(s) to prose the Code Label here Direct Telephore Ashok K. Man (703) 628-146 my own knowledge: true; and further the and the like so me at 18 of the United St.	e prior United States application in the nowledge the duty to disclose materia and between the filling date of the prior patented/pending/abandoned) ecute this application and transact a second transact and transact and transact and the prior are true and that all statements are true and that all statements and are punishable by fine cates Code and that such willful.
POWER OF ATTORNEY: APPLICATION NU POWER OF ATTORNEY: As a named inventor, business in the Patent a Custo Send Corresponden HEWLETT-PACKARY Intellectual Property P.O. Box 272400 Fort Collins, Colorac I hereby declare the made on informatis with the knowled imprisonment or business or the coloracy.	natter of each e first paragra in Title 37, Co onal or PCT in IMBER Thereby appeared Trademark comer Number Thereby Administration do 80527-24 hat all state ion and be dige that we both, under	of the claims of this applica ph of Title 35, United States de of Federal Regulations, Si ternational filing date of this FILING DATE On the following attorney(s) office connected therewith: r 022879 on on ements made herein of ellef are believed to be rillful false statements r Section 1001 of Title ize the validity of the a	ation is not disclosed in the Code Section 112, I ackrection 1.56(a) which occur application: STATUS (s) and/or agent(s) to prose the Code Label here Direct Telephore Ashok K. Man (703) 628-146 my own knowledge: true; and further the and the like so me at 18 of the United St.	e prior United States application in the nowledge the duty to disclose materia and between the filling date of the prior patented/pending/abandoned) ecute this application and transact a secure true and that all statement are true and that all statement at these statements were made are punishable by fine cates Code and that such willfunt issued thereon.

Rev 10/03 (DecPwr)

(Use Page Two For Additional Inventor(s) Signature(s))

same as above

Page 1 of 2

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET N . 200312389-1

Full Name of joint inventor:	Warren Jackson		Citizenship: US			
Residence:	160 Castenada Avenue; San Francisco, CA 94116-1407					
Post Office Address:	same as above					
Manions	6 July		12/18/03			
Inventor's Signature	Alon	Dat●	. 11.70			
	•		in the Ohio-			
Full Name of joint inventor:	Hao Luo	80	Citizenship: China			
Residence:	1940 California Street, Apt. 19; Mountain View, CA 94040					
Post Office Address:	same as above					
Inventor's Signature	for Kao	Date	Dec. 17. 2003			
::.						
Full Name of joint inventor:			Citizenship:			
Residence:						
Post Office Address:						
Inventor's Signature		Date				
			Cătronehle:			
Full Name of joint inventor:			Citizenship:			
Residence:						
Post Office Address:						
Inventor's Signature		Date				
Full Name of joint inventor:			Citizenship:			
Residence:						
Post Office Address:		 				
Inventor's Signature		Date				
monto a orginatina		_=				
Full Name of joint inventor:			Citizenship:			
Residence:						
Post Office Address:						
rus Viine Addess.						
Inventor's Signature		Date				
Full Name of joint inventor	: <u></u>		Citizenship:			
Residence:						
Post Office Address:						
Inventor's Signature		Date				